

**Climate and Space 748
Student Presentation
Winter 2025**

Instructor: Enrico Landi (elandi@umich.edu)

Credits: 1

Lecture: Tuesdays 10:30am-11:30am — 2424 CSRB

Office Hours: Anytime by appointment via Zoom:

<https://umich.zoom.us/j/95345682715>

Meeting ID: 953 4568 2715

Passcode: 940939

COURSE DESCRIPTION:

The goal of this course is to help students to develop the necessary skills to deliver a successful talk. Throughout the duration of this course, students will take turns at giving talks. Each student will deliver four talks, and provide feedback on the talks of all other students.

The organization and duration of each of the talks depends on the final number of students. (18 at the moment of writing this syllabus). Each student will have 8 minutes for her/his talk, divided in 5 minutes for talking, and 3 minutes of Q/A. In each of their talk, the student will present a critique of a scientific article of their choice (one paper per talk). The last talk of the series will be a poster presentation: this time, the student will have the same 8 minutes, divided in 2 minutes for presentation, and 6 for Q/A.

During each presentation, each student in the audience will make a review of the speaker in real time using a form provided by the instructor, and will hand it to the speaker at the end of the Question/Answer session. The instructor will not see the comment each student gives to the speaker.

The final goal of this seminar is to train students at 1) delivering talks and overcoming the difficulties of “being on the stage”; and 2) being able to effectively make a review in a short time.

PREREQUISITES:

None

REQUIREMENTS:

Writing: Only during class, students will write a short review of each of the talks of the day *in real time*.

Talk: The pdf file of each talk needs to be sent to the instructor **by 5:00pm of the day before the talk is scheduled** (earlier submissions are welcome).

Lectures: The lectures are an indispensable part of the course. They will begin promptly at 10:30am Please **arrive on time and do not leave before the end**, because both behaviors will disrupt others, especially while delivering a talk.

In order to maintain focus and attention during lectures, **all electronic devices (phones, tablets, personal computers) must be turned off during class.**

Talk Written Evaluations: These evaluations require the active participation from each student, and have the following goals:

1. Each student will receive feedback from fellow students: since the instructor will not see them, students can be more free in giving comments;
2. Students will be exposed to research outside their field; and
3. Students will be familiarized with the tasks of reviewing someone else’s work: such a task is a normal activity for a scientist;
4. Reviews will need to be made in real-time, so that students can practice their efficiency.

Review sheets will be provided by the instructor at the beginning of each lecture.

Honor code: We will follow all policies of the Honor Code, which can be found at

<http://www.engin.umich.edu/students/honorcode>.

REQUIRED BOOKS:

There is one book required, which can be downloaded from the Mirlyn Library for free:

SPEAKING ABOUT SCIENCE
Scott Morgan and Barret Whitener
Cambridge University Press

<https://mirlyn.lib.umich.edu>

Read it at your leisure: this book presents several tips for a successful presentation and for a successful poster.

ASSESSMENT:

This course is pass/fail. To pass this course, students must have:

1. Successfully delivered their talks and poster presentation
2. Actively participated to each review

SCHEDULE OF LECTURES AND ASSIGNMENTS

(BLACK: LECTURE; BLUE: ASSIGNMENT)

WEEK 1

JAN 14 TUE 10:30AM - COURSE PRESENTATION, SPEAKER SCHEDULE

WEEK 2

JAN 20 MON 5:00PM: STUDENT TALKS PDF FILES DUE - SPEAKERS 1 TO 6

JAN 21 TUE 10:30AM: STUDENT TALKS - SPEAKERS 1 TO 6

WEEK 3

JAN 27 MON 5:00PM: STUDENT TALKS PDF FILES DUE - SPEAKERS 7 TO 12

JAN 28 TUE 10:30AM: STUDENT TALKS - SPEAKERS 7 TO 12

WEEK 4

FEB 3 MON 5:00PM: STUDENT TALKS PDF FILES DUE - SPEAKERS 13 TO 18

FEB 4 TUE 10:30AM: STUDENT TALKS - SPEAKERS 13 TO 18

WEEK 5

FEB 10 MON 5:00PM: STUDENT TALKS PDF FILES DUE - SPEAKERS 1 TO 6

FEB 11 TUE 10:30AM: STUDENT TALKS - SPEAKERS 1 TO 6

WEEK 6

FEB 17 MON 5:00PM: STUDENT TALKS PDF FILES DUE - SPEAKERS 7 TO 12

FEB 18 TUE 10:30AM: STUDENT TALKS - SPEAKERS 7 TO 12

WEEK 7

FEB 24 MON 5:00PM: STUDENT TALKS PDF FILES DUE - SPEAKERS 13 TO 18

FEB 25 TUE 10:30AM: STUDENT TALKS - SPEAKERS 13 TO 18

WEEK 8

MAR 4 TUE: NO CLASS (SPRING BREAK)

WEEK 9

MAR 10 MON 5:00PM: STUDENT TALKS PDF FILES DUE - SPEAKERS 1 TO 6

MAR 11 TUE 10:30AM: STUDENT TALKS - SPEAKERS 1 TO 6

WEEK 10

MAR 17 MON 5:00PM: STUDENT TALK PDF FILES DUE - SPEAKERS 7 TO 12

MAR 18 TUE 10:30AM: STUDENT TALKS - SPEAKERS 7 TO 12

WEEK 11

MAR 24 MON 5:00PM: STUDENT TALK PDF FILES DUE - SPEAKERS 13 TO 18
MAR 25 TUE 10:30AM: STUDENT TALKS - SPEAKERS 13 TO 18

WEEK 12

APR 1 TUE: NO CLASS (INSTRUCTOR'S TRAVEL)

WEEK 13

APR 7 MON 5:00PM: STUDENT POSTER PDF FILES DUE - SPEAKERS 1 TO 6
APR 8 TUE 10:30AM: STUDENT POSTER PRESENTATIONS - SPEAKERS 1 TO 6

WEEK 14

APR 14 MON 5:00PM: STUDENT POSTER PDF FILES DUE - SPEAKERS 7 TO 12
APR 15 TUE 10:30AM: STUDENT POSTER PRESENTATIONS - SPEAKERS 7 TO 12

WEEK 15

APR 21 MON 5:00PM: STUDENT POSTER PDF FILES DUE - SPEAKERS 13 TO 18
APR 22 TUE 10:30AM: STUDENT POSTER PRESENTATIONS - SPEAKERS 13 TO 18

NOTES:

1 - ALL ASSIGNMENTS (TALKS) IN PDF FORMAT